Title (en)

Method and system for predicting dose delivery

Title (de)

Verfahren und System zur Vorhersage der Dosierabgabe

Title (fr)

Procédé et système pour prédire l'administration de dose

Publication

EP 1970097 A3 20091021 (EN)

Application

EP 08005756 A 20060721

Priority

- EP 06788224 A 20060721
- US 70158005 P 20050722
- US 2006028538 W 20060721

Abstract (en)

[origin: EP1970097A2] A system and method of predicting a radiation dose to be delivered to a patient. The method includes the acts of generating a first image of at least a portion of the patient, defining a treatment plan for the patient, generating a second image of at least a portion of the patient while the patient is subsequently in a treatment position, updating the patient profile with the second image, and predicting the radiation dose to be delivered to the patient based upon the patient profile and the treatment plan.

IPC 8 full level

A61N 5/10 (2006.01)

CPC (source: EP KR US)

A61N 5/10 (2013.01 - KR); **A61N 5/103** (2013.01 - EP US); **A61N 5/1038** (2013.01 - EP US); **A61N 5/1048** (2013.01 - EP US); A61N 5/1042 (2013.01 - EP US); A61N 5/1049 (2013.01 - EP US); A61N 5/1065 (2013.01 - EP US); A61N 5/1069 (2013.01 - EP US)

Citation (search report)

- [A] WO 03076003 A2 20030918 - TOMOTHERAPY INC [US], et al
- [A] US 2004068182 A1 20040408 - MISRA SATRAJIT CHANDRA [US]

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US10512507B2; US2016175052A1; EP4311573A1; GB2479717A; GB2479717B; US9844349B2; WO2015019215A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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